

## ABSTRACT OF THE DISCLOSURE

The invention relates to methods of obtaining and expanding a purified population of long-term repopulating hematopoietic stem cells. The invention also relates to the uses of a purified population of long-term repopulating hematopoietic stem cells, for 5 example by maintaining the stem cells in the presence of differentiated cells in order to induce the stem cells to differentiate to become cells of the same type.

P 0 0 7 5 7 4